

REMARKS

Favorable reconsideration of this application is requested in view of the above amendments and the following remarks. Claim 1 is amended editorially. The revision to claim 2 is supported, for example, at Figure 8 and at page 7, lines 12-25 in the specification. Claims 1-8 are pending, with claims 1 and 2 being independent.

Initially, Applicant would like to thank the Examiner for the indication that the application contains allowable subject matter, and that claims 1, 5, and 6 are allowable over the prior art of record.

Drawing objections

The drawings have been objected to by the Examiner. Proposed drawing corrections, designating Figures 11-13 as "Prior Art", are attached.

Claim rejections - 35 U.S.C. § 112

Claim 4 stands rejected under 35 U.S.C. § 112, first paragraph. Applicants respectfully traverse this rejection.

Claim 4 recites that one pair of the at least two pairs of opposing cutting edges are provided so that a width of the opposing cutting edges is increased from an electron gun side to a phosphor screen side. This feature is described, for example, at Figures 8 and 9, and at page 8, lines 12-16. At page 8, lines 12-16 and at Figure 9, the specification indicates that when $\theta 1$ is reduced to zero or less (i.e., a negative value) the amount of mislanding can be reduced. In other words, when $\theta 1$ is a negative value, a width of the opposing cutting edges is increased from an electron gun side to a phosphor screen side.

Accordingly, Applicants respectfully request that this rejection be withdrawn.

Claim rejections - 35 U.S.C. § 102

Claims 2-4, 7, and 8 stand rejected as being unpatentable over U.S. Patent No. 5,773,924 (Nakamura). Applicants respectfully traverse this rejection.

Independent claim 2 is directed to an internal magnetic shield for a cathode ray tube. At least one pair of the long and short side walls are provided with one notch on each respective wall.

External magnetic fields can cause mislanding of electron beams in cathode ray tubes. The effects of external magnetic fields on a cathode ray tube are greater in the corners, or edges,

of the screen. *See, e.g.*, page 1, lines 31-35. The arrangement of claim 2 reduces the effect of mislanding caused by external magnetic fields at the edges of a screen. *See, e.g.*, page 3, lines 10-12.

Nakamura does not teach or suggest at least the above features. Rather, Nakamura discloses two notches on one wall. Accordingly, Nakamura does not teach or suggest the feature of one notch on a wall, nor does the configuration of Nakamura reduce the effect of mislanding in the manner of the present invention. Applicants therefore submit that claim 2 is allowable over the cited reference.

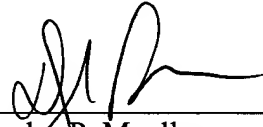
Claims 3-4 and 7-8 depend from claim 2. Therefore, each of those claims is believed allowable for at least the reason that it is dependent upon an allowable base claim.

In view of the above, favorable reconsideration in the form of a notice of allowance is requested.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: August 8, 2003



Douglas P. Mueller
Reg. No. 30,300
DPM:DTL



ANNOTATED SHEET
SHOWING CHANGES

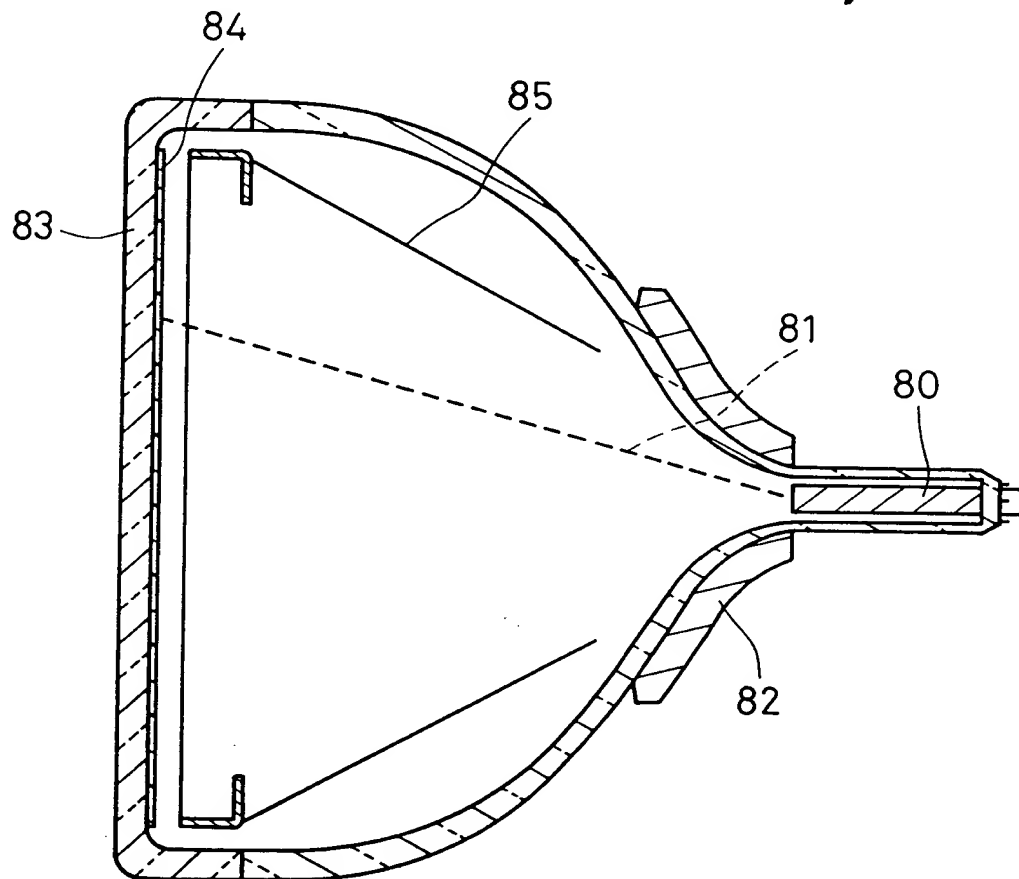


FIG. 11
(PRIOR ART)



ANNOTATED SHEET
SHOWING CHANGES

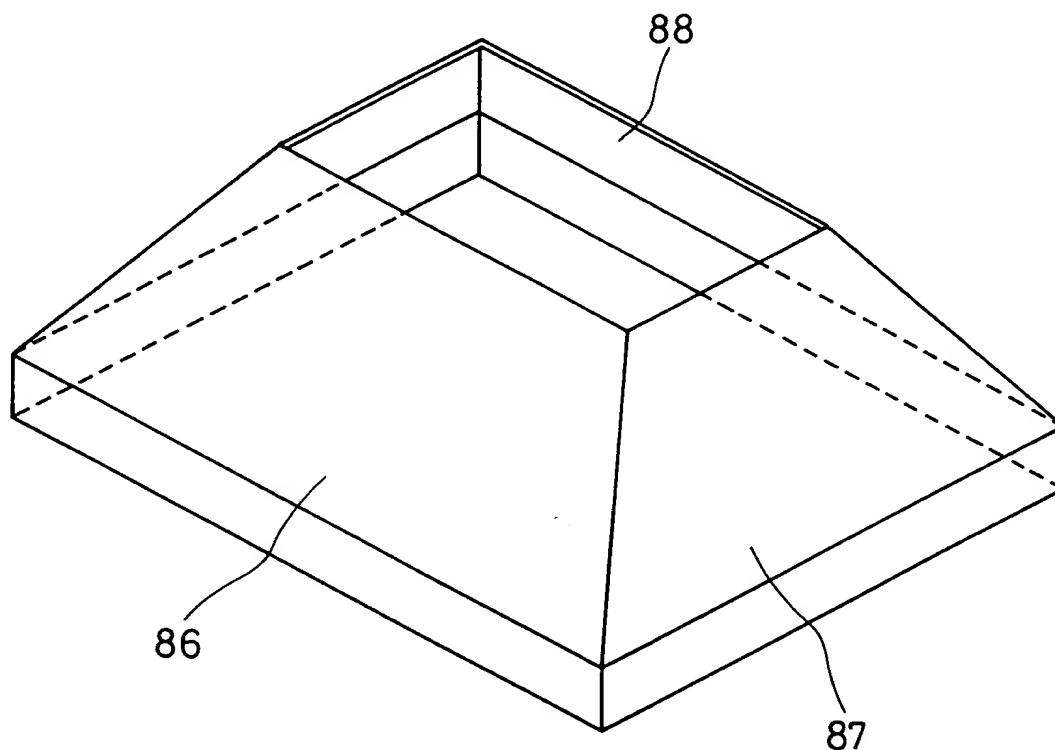


FIG. 12
(PRIOR ART)



ANNOTATED SHEET
SHOWING CHANGES

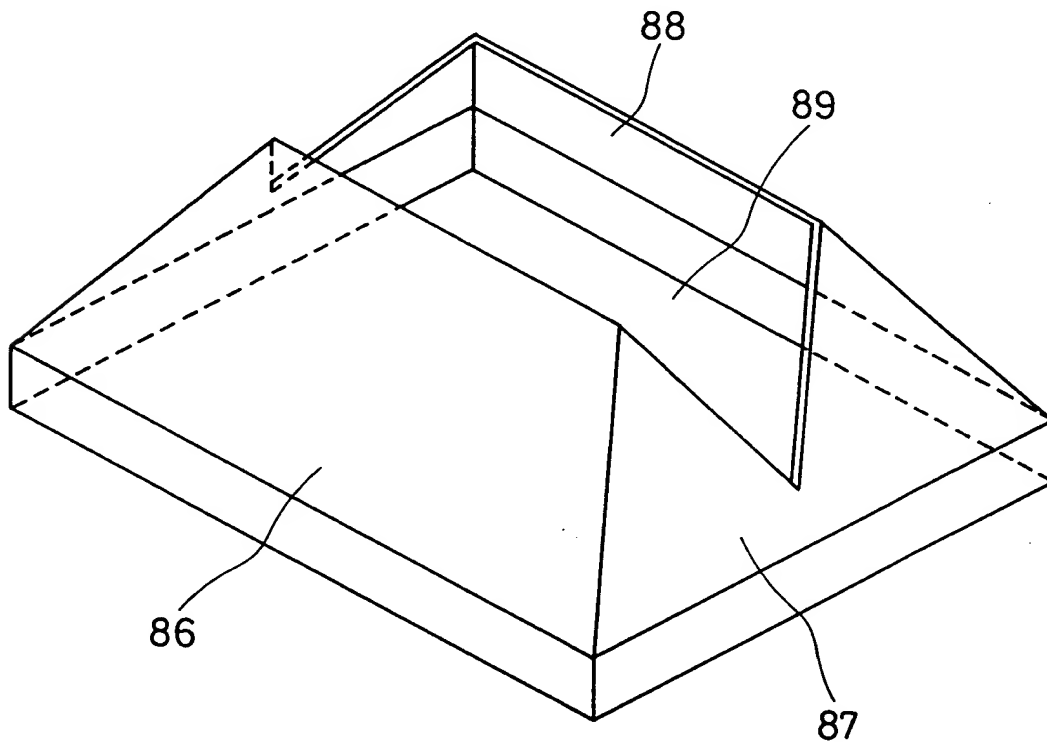


FIG. 13
(PRIOR ART)